

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	
)	
John F. NALLY et al.)	
)	
U.S. Application No.: Unassigned)	Group Art Unit: Unassigned
)	
Filed: January 9, 2004)	Examiner: Unassigned
)	
For: SPRAY PATTERN CONTROL WITH)	
NON-ANGLED ORIFICES FORMED ON)	
A GENERALLY PLANAR METERING)	
DISC AND REORIENTED ON)	
SUBSEQUENTLY DIMPLED FUEL)	
INJECTION METERING DISC)	

Commission for Patents
U.S. Patent and Trademark Office
2011 South Clark Place
Customer Window, Mail Stop Patent Application
Crystal Plaza Two, Lobby, Room 1B03
Arlington, VA 22202

Sir:

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicants bring to the attention of the Examiner the documents listed on the attached PTO Form 1449.

To the best of the undersigned's knowledge, this Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits for the above-referenced application and no fees are believed to be necessary.

A copy of the listed non-U.S. Patent or Patent Publication documents is attached. Applicants respectfully request that the Examiner consider the listed documents and evidence that consideration by making appropriate notations on the attached PTO Form 1449.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are materials or constitute "prior art." If it should be determined that any of the listed documents do not

constitute "prior art" under United States law, Applicants reserve the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

Applicants reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

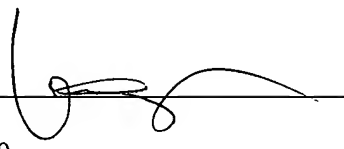
EXCEPT for issue fees payable under 37 C.F.R. §1.18, the Commissioner is hereby authorized by this paper to charge any additional fees during the entire pendency of this application including fees due under 37 C.F.R. §§1.16 and 1.17 which may be required, including any required extension of time fees, or credit any overpayment to Deposit Account No. 50-0310. This paragraph is intended to be a CONSTRUCTIVE PETITION FOR EXTENSION OF TIME in accordance with 37 C.F.R. §1.136(a)(3).

Respectfully submitted,

MORGAN, LEWIS & BOCKIUS LLP

Date: January 9, 2004

By:


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INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449	Attorney Docket No. 051252-5280	Application No.: Unassigned
	Applicants: John F. NALLY et al.	
	Filing Date: January 9, 2004	Group Art Unit: Unassigned

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U.S. PATENT DOCUMENTS

*Examiner Initial	Document Number	Date	Name	Class	Sub Class	Filing Date
	6,405,946	06/19/2002	Harata et al.			
	6,394,367	05/28/2002	Munezane et al.			
	6,170,763	01/09/2001	Fuchs et al.			
	6,131,826	10/17/2000	Teiwes			
	6,102,299	08/15/2000	Pace et al.			
	6,089,476	07/18/2000	Sugimoto et al.			
	6,070,812	06/06/2000	Tani et al.			
	6,039,271	03/21/2000	Reiter			
	6,009,787	01/04/2000	Hänggi			
	5,931,391	08/03/1999	Tani et al.			
	5,862,991	01/26/1999	Willke et al.			
	5,816,093	10/06/1998	Takeuchi et al.			
	5,785,254	07/28/1998	Zimmerman et al.			
	5,772,124	06/30/1998	Tamaki et al.			
	5,766,441	06/16/1998	Arndt et al.			
	5,746,376	05/05/1998	Romann et al.			
	5,730,368	03/24/1998	Flik et al.			
	5,697,154	12/16/1997	Ogihara			

FOREIGN PATENT DOCUMENTS

Document Number	Date	Country	Class	Sub Class	Translation YES NO
60-137529	07/22/1985	Japan			
59-223121	12/14/1984	Japan			
52-32192	03/11/1977	Japan			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner	Date Considered
Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449	Attorney Docket No. 051252-5280	Application No.: Unassigned
	Applicants: John F. NALLY et al.	
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	Filing Date: January 9, 2004	Group Art Unit: Unassigned

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*Examiner Initial	Document Number	Date	Name	Class	Sub Class	Filing Date
	5,636,796	06/10/1997	Oguma			
	5,553,397	09/10/1996	Schwitzky et al.			
	5,548,065	02/06/1996	Nally, Jr.			
	5,516,047	05/14/1996	Kubach et al.			
	5,449,114	09/12/1995	Wells et al.			
	5,365,819	11/22/1994	Maida et al.			
	5,344,081	09/06/1994	Wakeman			
	5,335,864	08/09/1994	Romann et al.			
	5,244,154	09/14/1993	Bucholz et al.			
	5,201,806	04/13/1993	Wood			
	5,038,738	08/13/1991	Hafner et al.			
	5,002,231	03/26/1991	Reiter et al.			
	4,970,926	11/20/1990	Ghajar et al.			
	4,925,111	05/15/1990	Foertsch et al.			
	4,923,169	05/08/1990	Grieb et al.			
	4,532,906	08/06/1985	Höppel			
	4,101,074	07/18/1978	Kiwior			

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Sub Class	<u>Translation</u> YES NO	
	10-122096	12/05/1998	Japan				
	EP 1 154 151	11/14/2001	Europe				
	WO 00/52328	09/08/2000	PCT				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) <div style="text-align: center;">PTO F rm 1449</div>	Attorney Docket No. 051252-5280	Application No.: Unassigned
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Filing Date: January 9, 2004		Group Art Unit: Unassigned

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*Examiner Initial	Document Number	Date	Name	Class	Sub Class	Filing Date
	4,072,039	02/07/1978	Nakanishi			
	4,057,190	11/08/1977	Kiwior et al.			
	2,846,902	08/12/1958	Cowley			
	2,737,831	03/13/1956	Webb			
	600,687	03/15/1898	Flemming			
	335,334	02/02/1886	Brady			
	2002/0063175	05/30/2002	Kitamura et al.			

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Document Number	Date	Country	Class	Sub Class	<u>Translation</u> YES NO	
1 092 865 A	04/18/2001	Europe				
2000-097129	09/24/2000	Japan				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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